



2664
Jain
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT APPLICATION** of:

Zeira et al.

Application No.: 09/854,963

Confirmation No.: 8819

Filed: May 14, 2001

For: REASSIGNING PHYSICAL CHANNELS
OF A USER SERVICE EXPERIENCING
HIGH INTERFACE LEVELS IN A HYBRID
TIME DIVISION MULTIPLE ACCESS/CODE
DIVISION MULTIPLE ACCESS
COMMUNICATION SYSTEM

Group: 2664

Examiner: Raj K. Jain

Our File: I-2-0170.4US

Date: February 14, 2005

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Further to Applicants' Duty of Disclosure pursuant to 37 C.F.R. §1.56, Applicants wish to bring to the Examiner's attention the newly cited material on the enclosed PTO-1449 form. Newly cited documents are indicated by an asterisk (*).

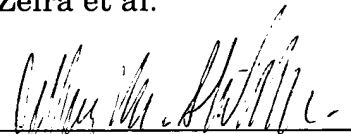
Pursuant to 37 C.F.R. §1.98(a)(2)(ii), copies of the cited U.S. publications and/or patent documents have not been included.

In the spirit of 37 C.F.R. § 1.97(e)(1), the undersigned certifies that each newly cited item of information contained in this Supplemental Information Disclosure Statement was cited in a communication in a counterpart U.S. application, and that this communication was not received by any individual designated in §1.56(c) more than three (3) months prior to the filing of the information disclosure statement.

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the PTO-1449 form indicating his consideration of the cited materials.

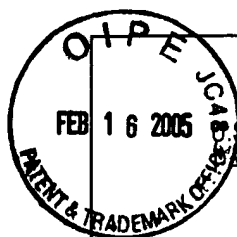
Respectfully submitted,

Zeira et al.

By 
Jeffrey M. Glabicki
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(215) 568-6400

Volpe and Koenig, P.C.
United Plaza, Suite 1600
30 South 17th Street
Philadelphia, PA 19103

JMG/ks
Enclosure



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. I-2-0170.4US	SERIAL NO. 09/854,963
	APPLICANT Zeira et al.	
	FILING DATE May 14, 2001	GROUP 2664

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,260,967	11/1993	Schilling			
		5,481,533	01/1996	Honig et al.			
		5,533,013	07/1996	Leppanen			
		5,844,894	12/1998	Dent			
		5,933,421	08/1999	Alamouti et al.			
		5,963,865	10/1999	Desgagne et al.			
		6,097,700	08/2000	Thornberg et al.			
	*	6,134,230 A	10/2000	Olofsson et al.			
	*	6,240,125 B1	05/2001	Andersson et al.			
	*	6,459,690 B1	10/2002	LeStrat et al.			
		6,519,240	02/2003	Dillinger et al.			
	*	6,631,124 B1	10/2003	Koorapaty et al.			
	*	6,640,105 B1	10/2003	Shin			
		6,697,632	02/2004	Sood			
	*	2004/0018843 A1	01/2004	Cerwall et al.			

FOREIGN PATENT DOCUMENTS

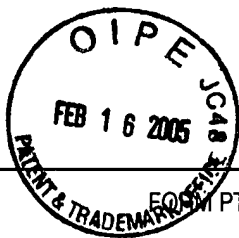
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		TS C104 V2.1.0, China Wireless Telecommunication Standard, pages 1-111, 1999.
		3G TR 25.922, Technical Specification Group Radio Access Network, pages 1-57, 1999.

EXAMINER	DATE CONSIDERED
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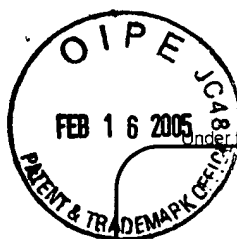
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		APPLICANT Zeira et al.	
		FILING DATE May 14, 2001	GROUP 2664
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
		Anderlind, Resource Allocation in Multi-Service Wireless Access Networks, Thesis, pages 1-148, Royal Institute of Technology, SWEDEN, October 1997.	
		El-Khamy et. al. "Wireless Portable Communication Using Pre-Rake CDMA/TDD/QPSK Systems With Different Combining Techniques And Imperfect Channel Estimation," IEEE, May 1997, pp. 529-533.	
		Povey, TDD-CDMA "Extension to FDD-CDMA Based Third Generation Cellular System", IEEE, August 1997, pp. 813-817.	
		Mihailescu et al., "Dynamic Resource Allocation For Packet Transmission In UMTS TDD TD-CDMA Systems," IEEE, February 1999, pp. 1737-1741.	
		Qingyu et al., "An Analysis of the Interference in the TDD-CDMA System," IEEE, August 2000, pp. I-333-I-337.	
		Haas, et al. "A Novel Channel Assignment Approach in TDMA/CDMA-TDD Systems," IEEE, January 2001, pp. E-142-E-146.	
		Zhang et al., "A Dynamic Channel Allocation Algorithm in TDD Mode CDMA Systems," IEEE, August 2001, pp. 385-388.	

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Application Number	09/854,963
Filing Date	May 14, 2001
First Named Inventor	Zeira et al.
Art Unit	2664
Examiner Name	Raj K. Jain
Attorney Docket Number	I-2-0170.4US

Total Number of Pages in This Submission

ENCLOSURES (Check all that apply)

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| <input type="checkbox"/> Fee Transmittal Form
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Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Jeffrey M. Glabicki	Reg. No. 42,584
Signature		
Date	February 14, 2005	

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Jeffrey M. Glabicki		
Signature		Date	February 14, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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